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(54) Title: POLYMORPHISMS IN THE EPIDERMAL GROWTH FACTOR RECEPTOR GENE PROMOTER

(57) Abstract: The present invention concerns polymorphisms in the epidermal growth factor receptor (EGFR), gene. In some embodiments, the present invention is directed at compositions and methods involving single nucleotide polymorphisms (SNPs) in the promoter of the EGFR gene that affect EGFR expression. The identification of polymorphisms associated with EGFR expression or activity enables novel methods and compositions for evaluating the potential efficacy and toxicity of an EGFR-targeting therapeutic agent, predicting a patient's clinical prognosis, and evaluating a patient's risk of developing a disease that is associated with EGFR dysregulation.



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